

WHAT IS CLAIMED IS:

1        1.        A liquid ejecting apparatus, comprising:  
2                a liquid ejecting head, formed with a nozzle opening from which a  
3        liquid droplet is ejected, and having a driving voltage information ID in a  
4        reference state specific to each liquid ejecting head;  
5                a pressure generating chamber, communicating with the nozzle  
6        opening;  
7                a piezoelectric vibrator, expanding and contracting the pressure  
8        generating chamber;  
9                a driving signal generator, generating a driving signal to displace the  
10       piezoelectric vibrator;  
11               a switch, selectively applying the driving signal to the piezoelectric  
12       vibrator based on liquid ejecting data; and  
13               a flexible flat cable, transmitting the driving signal to the piezoelectric  
14       vibrator,  
15               wherein a voltage obtained by adding a correction coefficient to a  
16       voltage specified in the driving voltage information ID is used as a reference  
17       driving voltage.

1       2.        The liquid ejecting apparatus as set forth in claim 1, wherein the  
2       correction coefficient is set in accordance with a length of the flexible flat cable.

1       3.        The liquid ejecting apparatus as set forth in claim 1, wherein the  
2       driving signal has a plurality of different driving signal waveforms for ejecting

3 liquid droplets of different sizes; and  
4 wherein the correction coefficient is set in accordance with difference  
5 of the driving signal waveforms.

1 4. The liquid ejecting apparatus as set forth in claim 1, wherein the  
2 driving signal generator generates a plurality of driving signals having a  
3 different driving signal waveforms; and  
4 wherein the correction coefficient is set in accordance with difference  
5 of the driving signal waveforms of the driving signals.

1 5. The liquid ejecting apparatus as set forth in claim 1, wherein the  
2 correction coefficient is set in accordance with capacitance of the piezoelectric  
3 vibrator.

1 6. The liquid ejecting apparatus as set forth in claim 1, wherein the  
2 correction coefficient is set in accordance with material of the piezoelectric  
3 vibrator.

1 7. The liquid ejecting apparatus as set forth in claim 1, wherein the  
2 correction coefficient is set in accordance with a kind of liquid to be ejected.

1 8. The liquid ejecting apparatus as set forth in claim 1, wherein the  
2 correction coefficient is set in accordance with a kind of color of the liquid to be  
3 ejected.

1        9.        A liquid ejecting apparatus, comprising:  
2                a liquid ejecting head, formed with a nozzle opening from which a  
3        liquid droplet is ejected;  
4                a pressure generating chamber, communicating with the nozzle  
5        opening;  
6                a driving signal generator, generating a driving signal to drive the  
7        pressure generator; and  
8                a signal applier, applying the driving signal to the pressure generator  
9        based on liquid ejecting data,  
10              wherein the liquid ejecting head has driving voltage information in a  
11        reference state specific to each liquid ejecting head; and  
12              wherein the driving signal generator generates the driving signal  
13        based on the driving voltage information and a correction coefficient.